



Loan Programs Office

April 6, 2021

LPO Finances America's Energy Infrastructure

The Department of Energy's Loan Programs Office (LPO)

was established for borrowers seeking access to debt financing for energy infrastructure projects.

LPO has over \$40 billion in available debt capital to finance high-impact projects and first-time commercializations, partnering with

borrowers to customize deal structures.

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Access to Debt Capital that private lenders cannot or will not provide.



Flexible Financing customized for the specific needs of individual borrowers.



A Committed Partner offering expertise to borrowers for the lifetime of the project.



LPO Continues Its Track Record of Success

LPO-financed projects have catalyzed energy technologies and supported tens of thousands of jobs



LPO Programs Support the Four Objectives

LPO has more than \$40 billion in available authorities among its three distinct programs



The Administration's Four Objectives

- Carbon free electricity by 2035
- Net-zero carbon emissions by 2050
- Environmental Justice 40
- Build Back Better



LPO Focuses on Tomorrow's Energy Needs

TITLE XVII	ATVM	TELGP
Loan Guarantee	Direct Loan	Partial Loan Guarantee
Innovative, and reduces, avoids, utilizes, or sequesters greenhouse gas emissions or air pollutants	Reequip, expand, or establish manufacturing facility for eligible ATV or qualified ATV components, supporting OEMs, components suppliers, and materials	Support energy-related projects that are majority owned by a tribe and benefit the entire tribe

All projects must be located in the U.S., have reasonable prospect of repayment, and meet all other program or solicitation statutory and regulatory requirements and eligibility criteria.

LPO Focuses on Tomorrow's Energy Needs

TITLE XVII	ATVM	TELGP
Loan Guarantee	Direct Loan	Partial Loan Guarantee
 Virtual Power Plants Carbon Capture, Utilization, Storage Decarbonization Fuels, Biofuel, Synfuel Small Modular/Micro Reactors Geothermal Green Hydrogen Hydropower/Pumped Hydro Maritime Electrification Offshore Wind Transmission/Smart Transmission 	 ATVM Lightweighting Battery Supply Chain Critical Materials/Minerals EV Infrastructure Manufacturing 	 Loan guarantee with banks May be located on non-tribal land May be single site or distributed portfolio Must be of benefit to entire tribe Not required to be innovative

Title XVIII program includes Advanced Fossil Energy, Advanced Nuclear Energy, and Renewable Energy/ Efficient Energy authorities.

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LPO Moves Ideas to Applications to Projects

LPO engages early with applicants and remains a partner throughout the lifetime of the loan

Pre-Application Consultations

LPO offers no-fee, pre-application consultations to review with the applicant the project 1) technical eligibility and 2) financial viability and bankability.



More Variable Timing Length of these stages varies greatly, depending on project complexity and readiness.

Less Variable Timing Timing for these stages is largely fixed, with targeted

timelines

Formal Application Submission

Title XVII: Part I application to determine basic eligibility, followed by more thorough Part II application to determine project viability. Monthly application deadlines through January 2022.

ATVM: Application for basic eligibility and project viability. No application fees. Applications are accepted at any time.

TELGP: Borrower engages with commercial lender and lender applies for loan guarantee on behalf of tribal borrower and project. Requires application fees. Monthly application deadlines through January 2022.

Due Diligence and Term Sheet Negotiation

Title XVII and ATVM: Enter confirmatory due diligence and negotiate term sheet.

TELGP: Borrower, Lender, and DOE engage in due diligence and term sheet negotiation.

ATVM and TELGP: Any third-party advisor costs are paid for by the applicant.

Credit Loan Closing Approval and Project Process Monitoring

Formal approval Ne process of the loa term sheet, ap including Loa interagency are consultations. pr

Negotiate and execute loan documents using the approved term sheet. Loan closing and funding are subject to conditions precedent in the executed loan documents. For Title XVII, third-party advisor

origination fee due at close. After loan closing, LPO

monitors the loan.

costs are included in the